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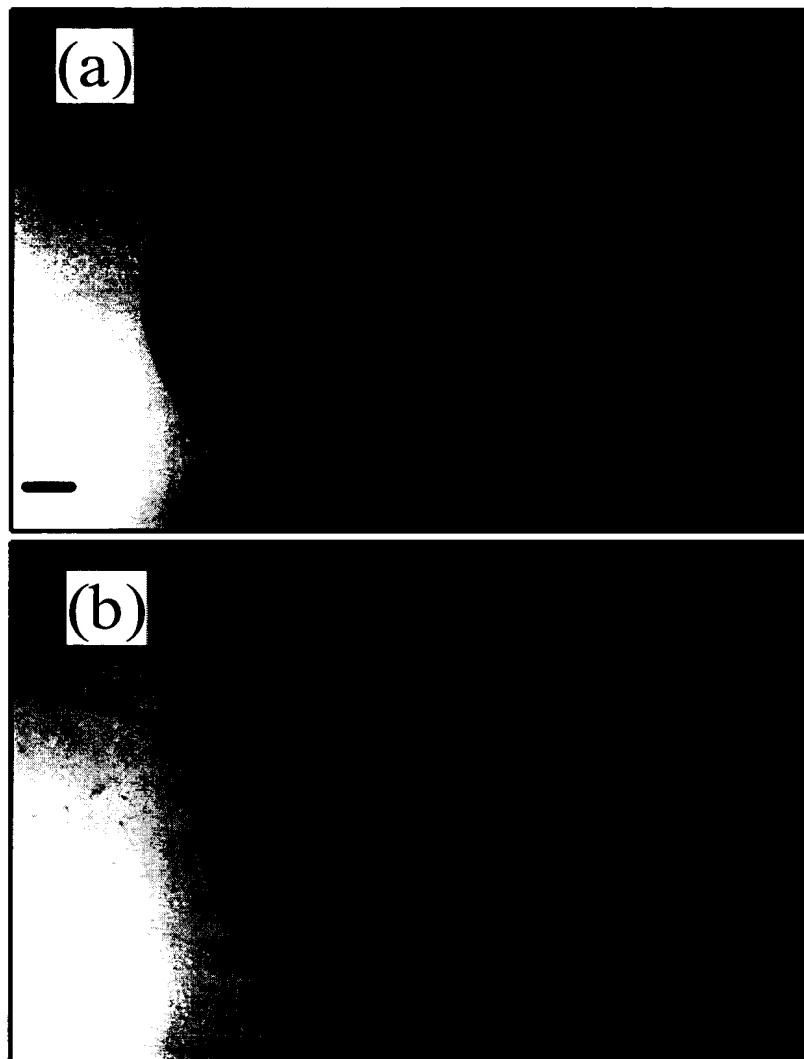


FIG. 1

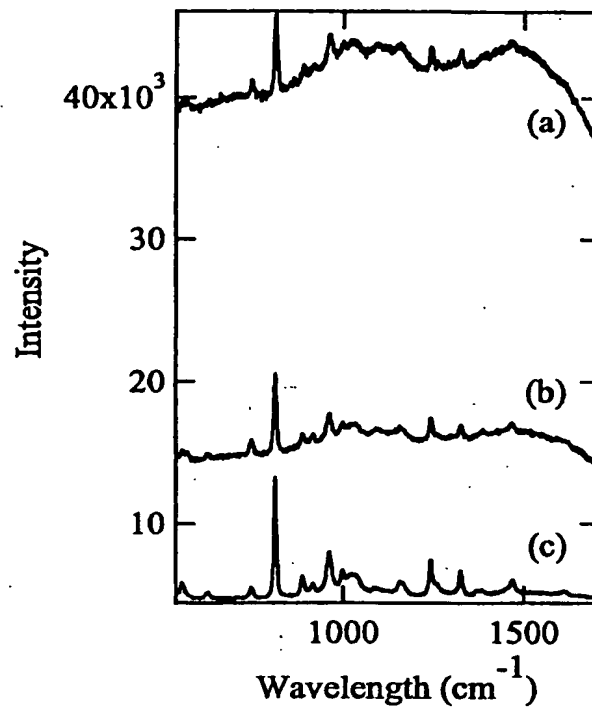


FIG. 2

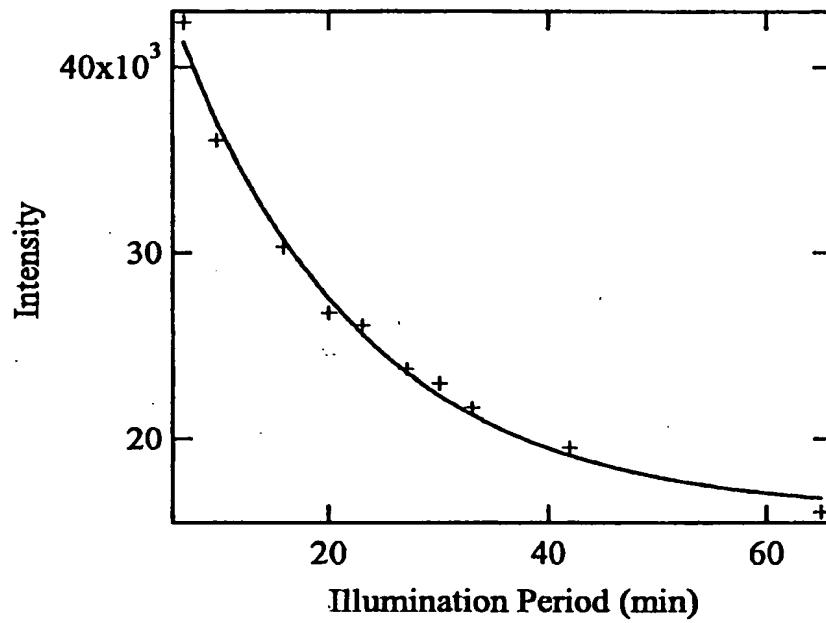


FIG. 3

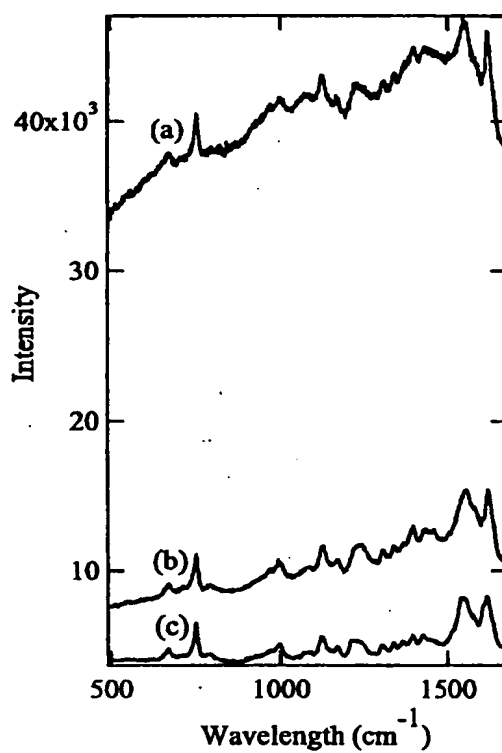


FIG. 4

Fig. 5A

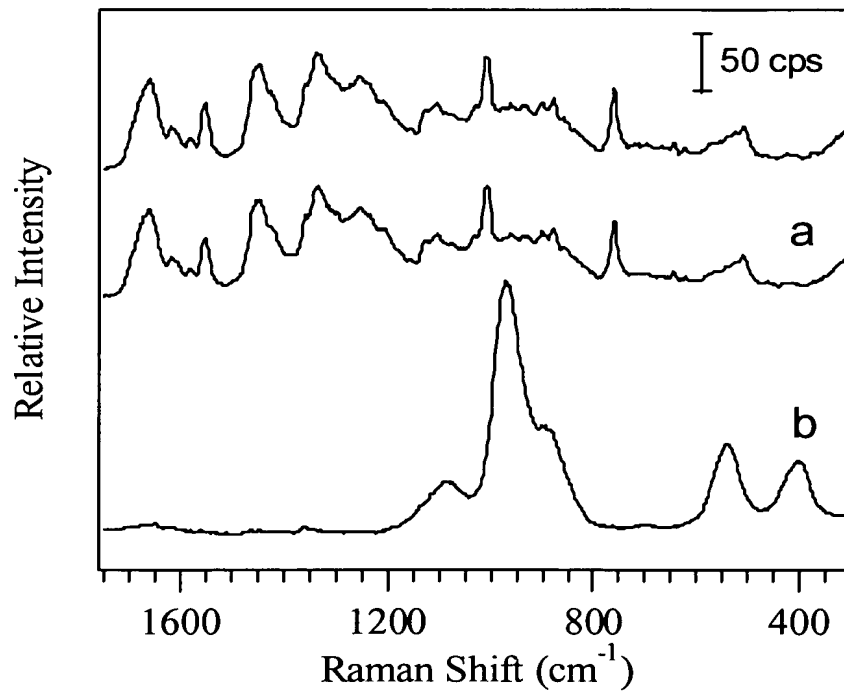
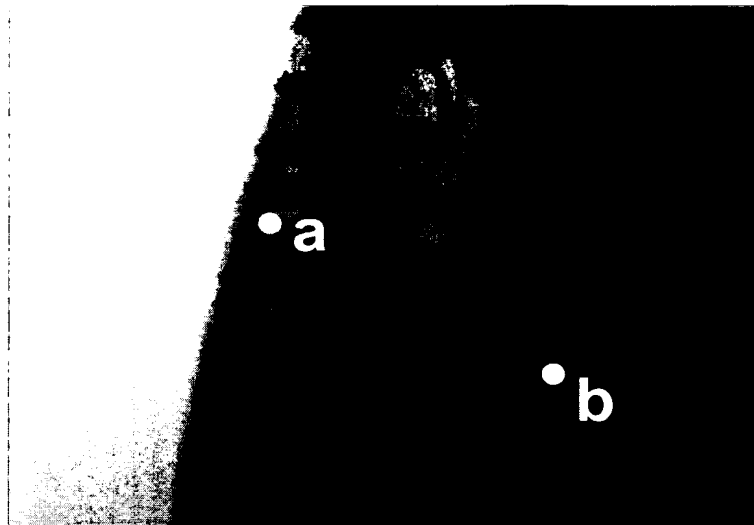


Fig. 5B

Fig. 6A

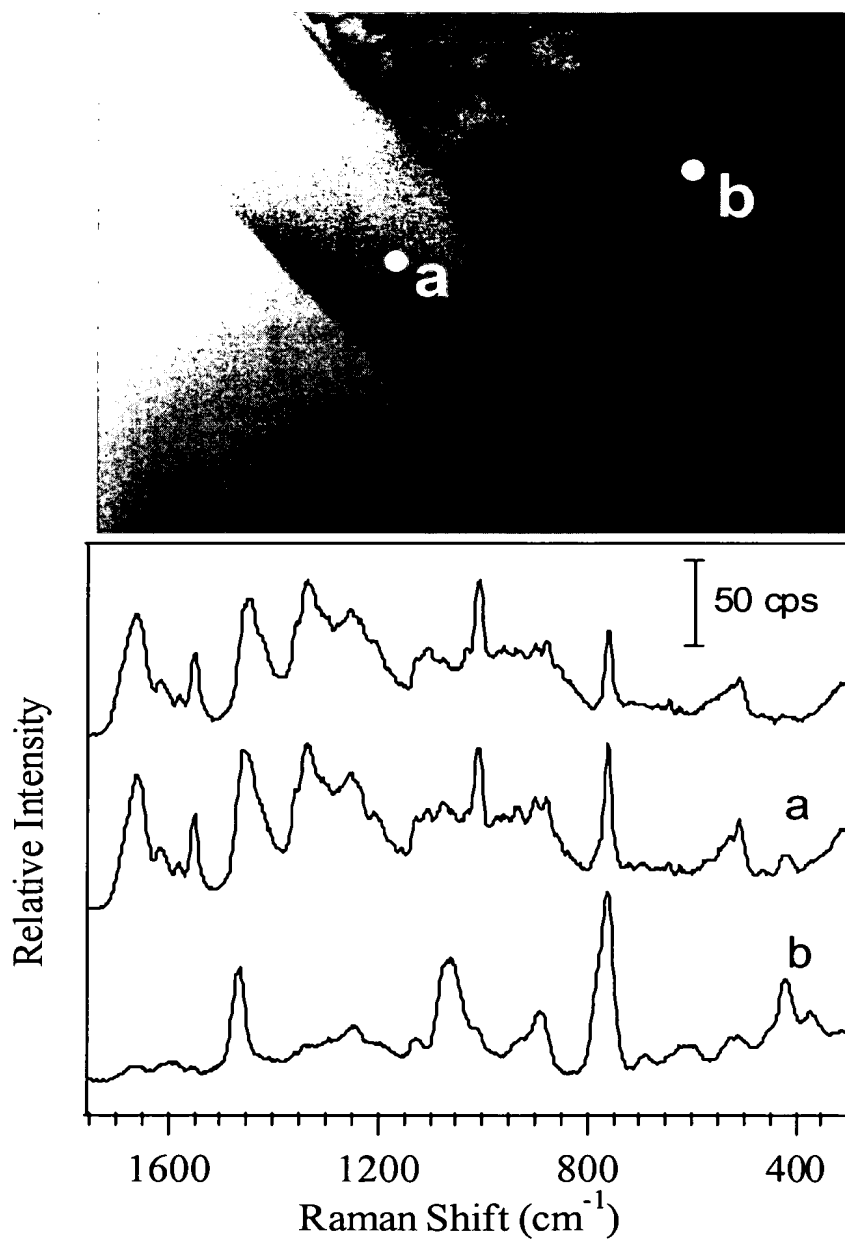
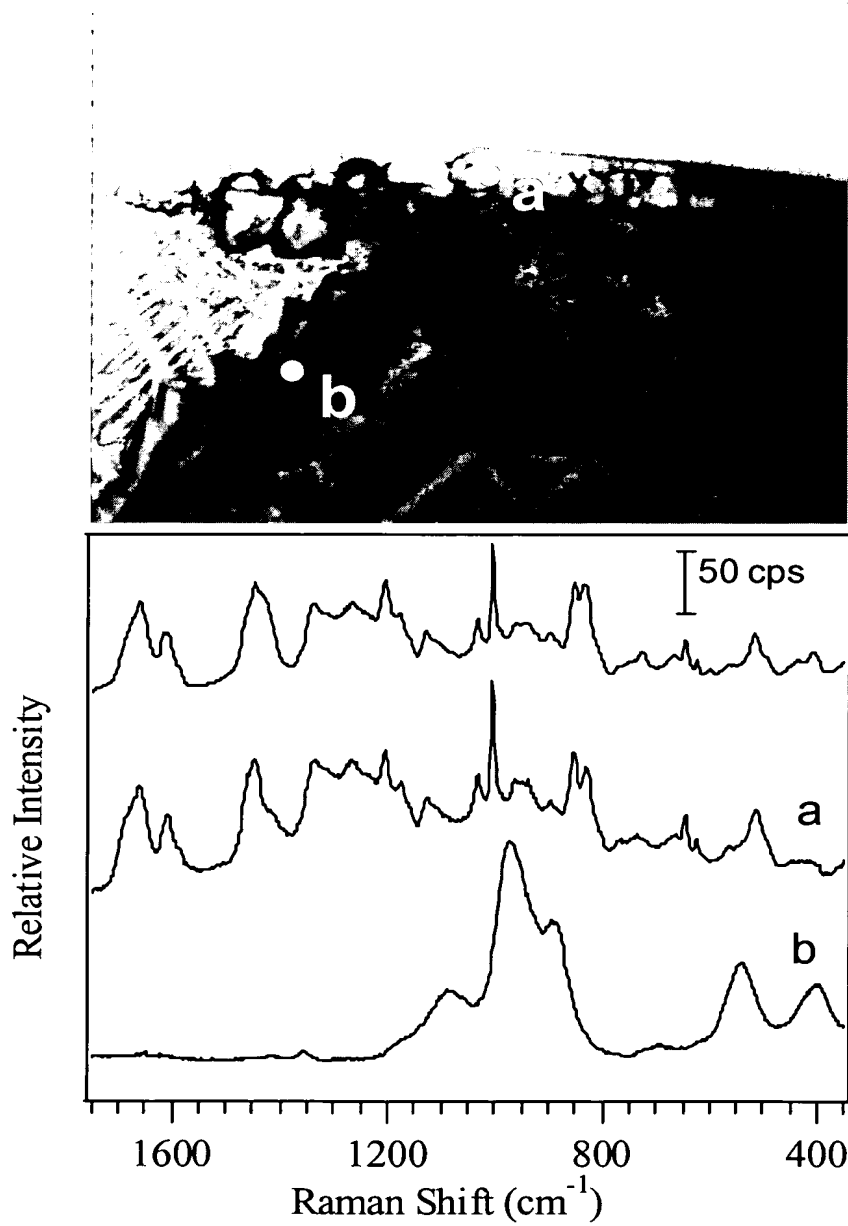


Fig. 6B

Fig. 7A



Fig, 7B

Fig. 8A

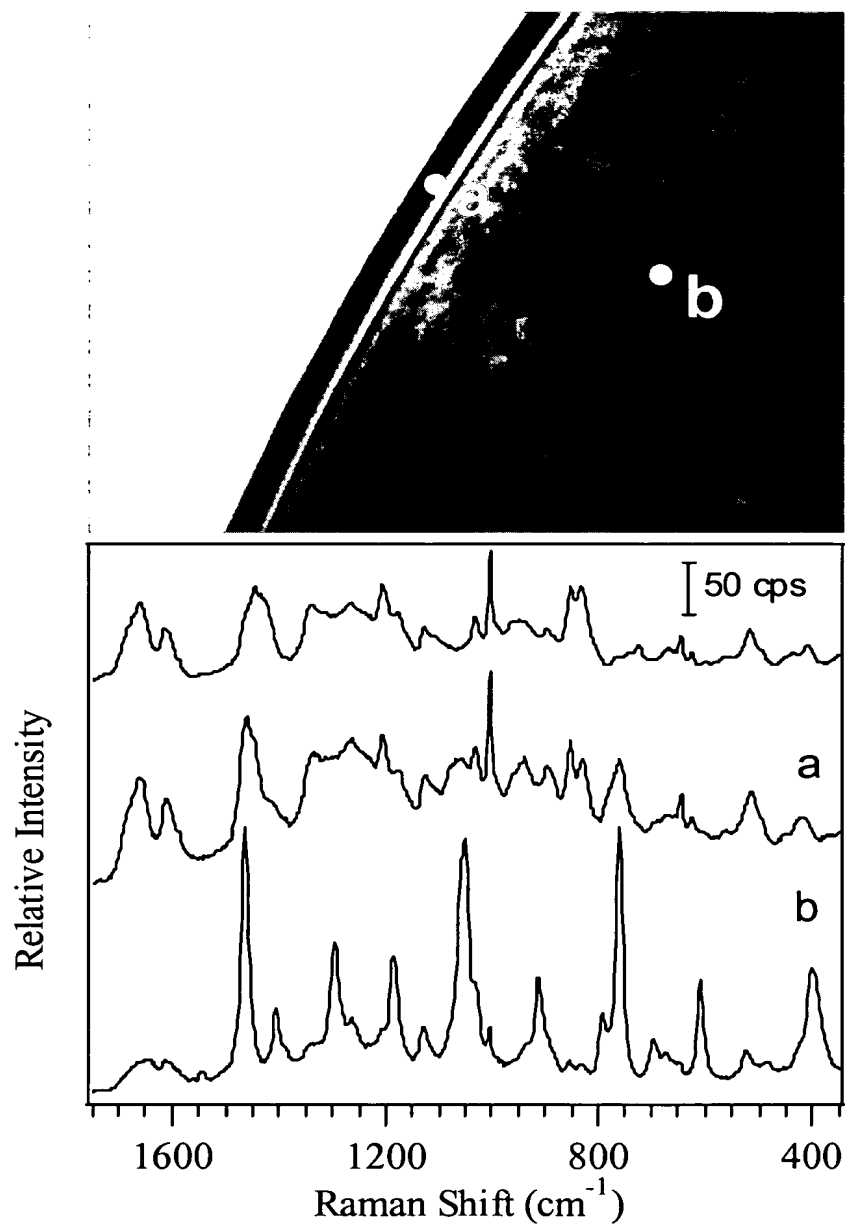


Fig. 8B

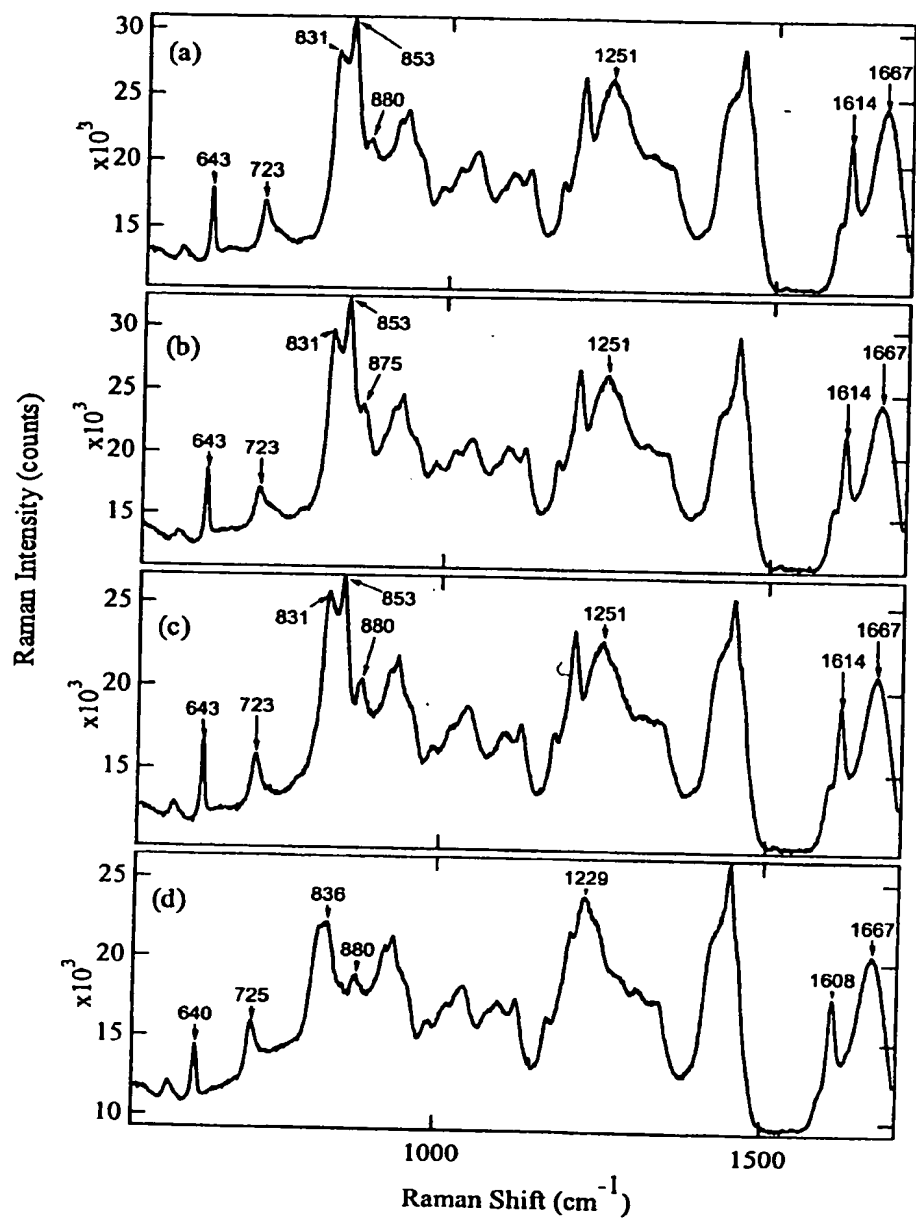


FIG. 9

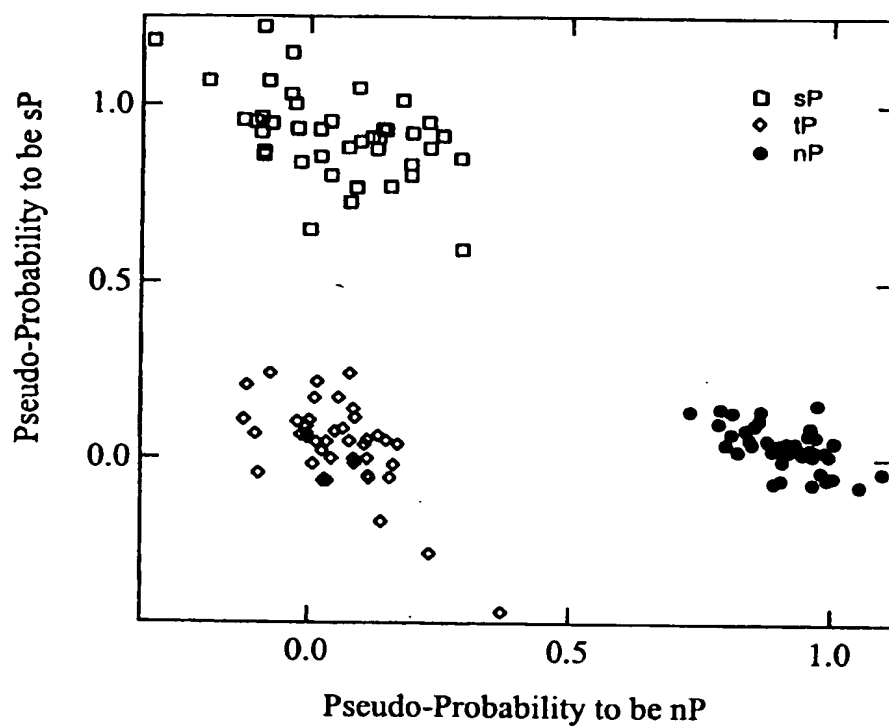


FIG. 10

FIG. 11A

```
1 MGSNKSXPKD ASQRRRSLEP AENVHGAGGG APPASQTPSK PASADGHRGP SAAFAPAAAE
61 PKLFGGPNSS DTVTSPQRAQ PLAGGVTTTFV ALYDYESRTE TDLSPKKGER LQIVNNTGEGD
121 WWLAHSLSTG QTGYIPSNYV APSDSIQAEE WYFGKITRRE SERLLNNAEN PRGTFLVRES
181 ETTKGAYCLS VSDFDNAKGL NVKHYKIRKL DSGGFYITSR TQPNLSQQLV AYYSKHADGL
241 CHRLTTVCPT SKPQTQGLAK DAWIIPRESL RLEVKLGGQC FGEVMMGTWN GTTRVAIKTL
301 KPGTMSPEAF LQBAQVMKKL RHEKLVQLYA VVSEPIYIV TEYMSKGSLL DFLKGETGKY
361 LRLPQLVDMA AQIASGMAYV ERMNYVHRDL RAANILVGEN LVCKVADFGL ARLIEDNBYT
421 ARQGAKFPIK WTAPAAALYG RPTIKSDVWS PGILLTELTT KGRVPYPGMV NREVLQOVER
481 GYRMPCPPEC PESLHDLMCQ CWRKEPEERP TPEYLQAPLE DYFTSTEPQY QPGENL
```

FIG. 11B

- (1) Src Y-216[210-220]: LDSGGFYITSR
Src pY216[210-220]: LDSGGF(pY)ITSR
- (2) Src Y-419[413-422]: LIEDNEYTAR
Src pY419[413-422]: LIEDNE(pY)TAR
- (3) Src Y-530[505-536]: EPEERPTFEYLQAFLEDYFTSTEPQYQPGENL
Src pY-530[505-536]: EPEERPTFEYLQAFLEDYFTSTEPQ(pY)QPGENL
- (4) Src Y-530[524-536]: TSTEPQYQPGENL

Src pY-530[524-536]: TSTEPQ(pY)QPGENL

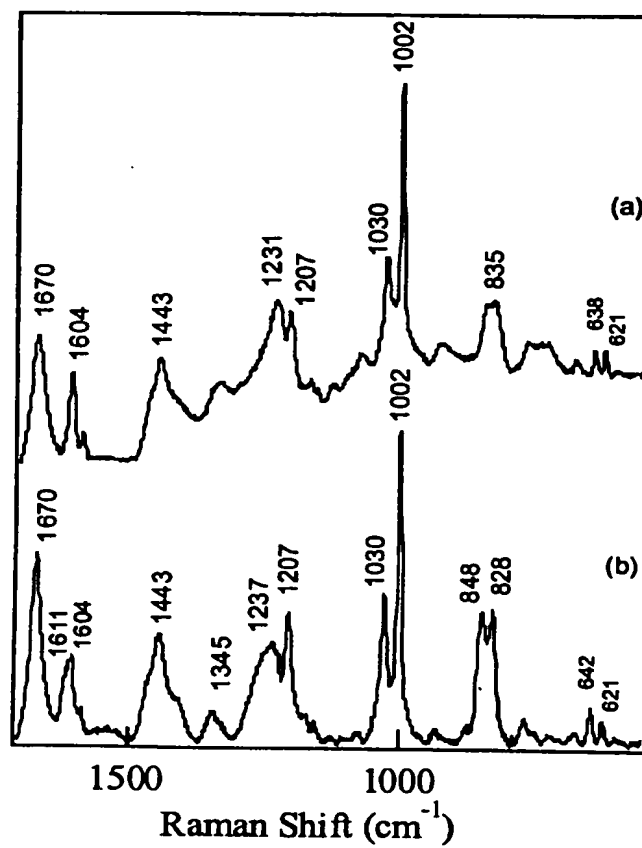


FIG. 12

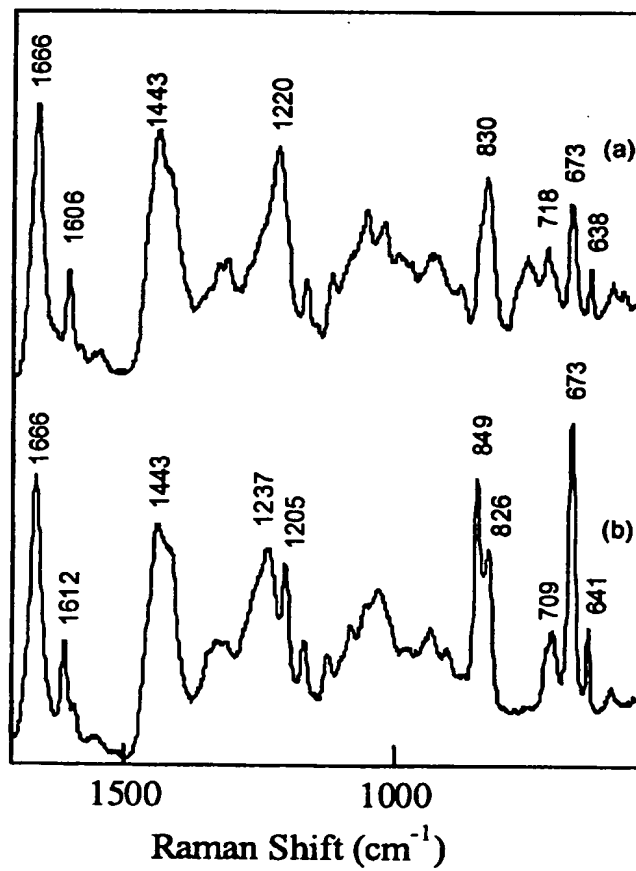


FIG. 13

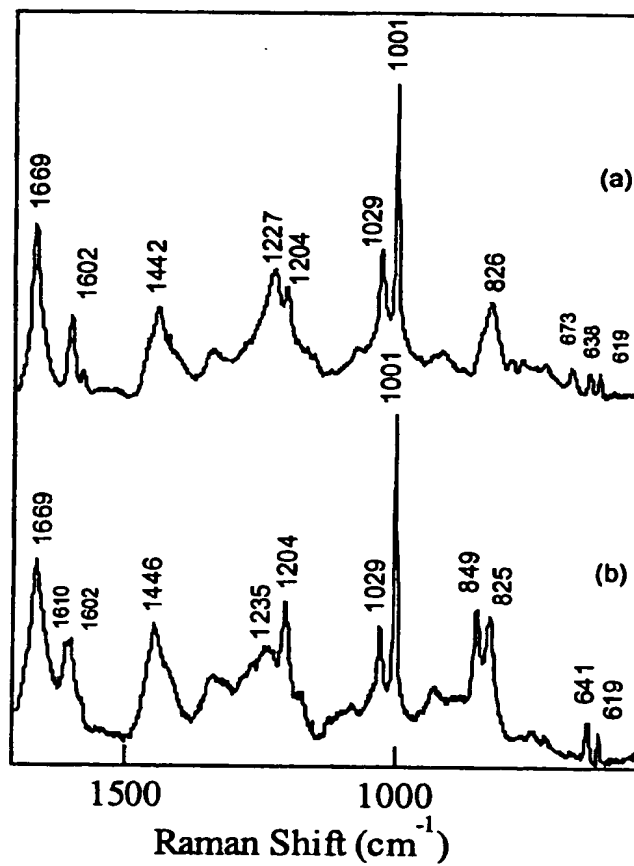


FIG. 14

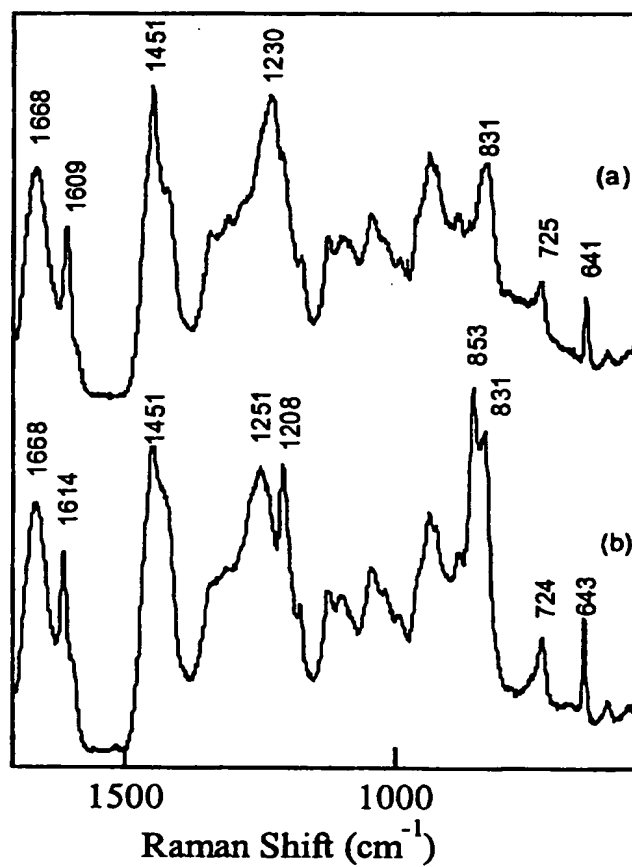


FIG. 15

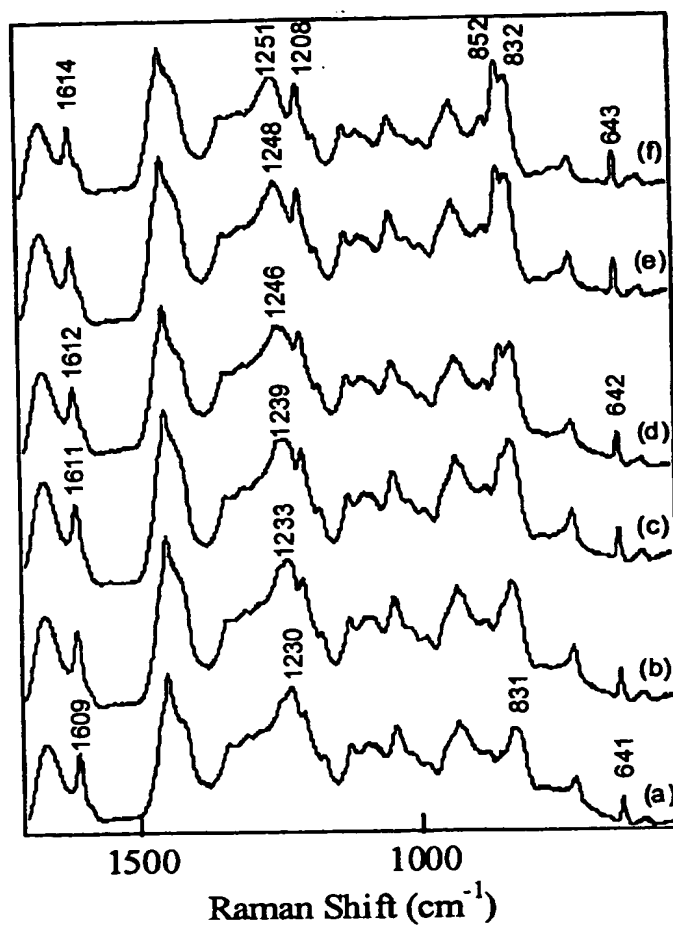


FIG. 16

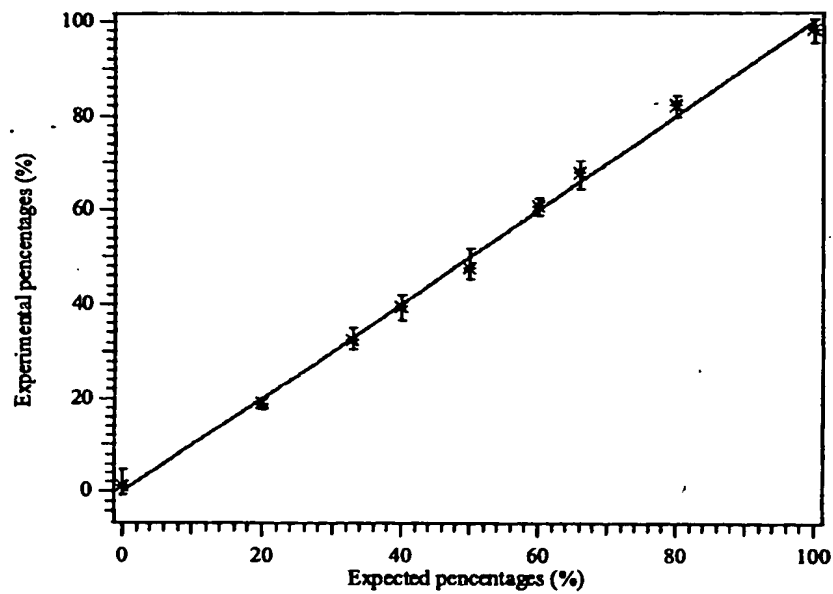


FIG. 17

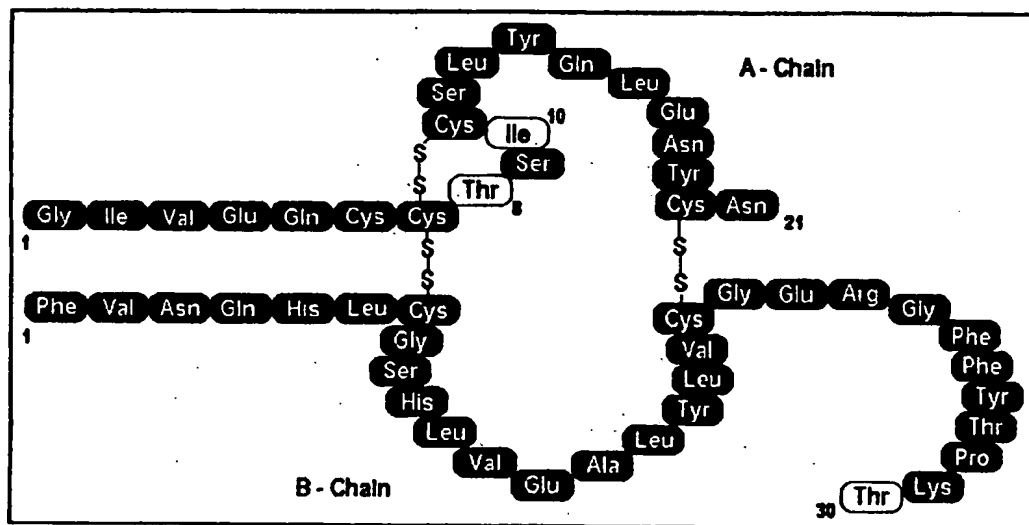


FIG. 18

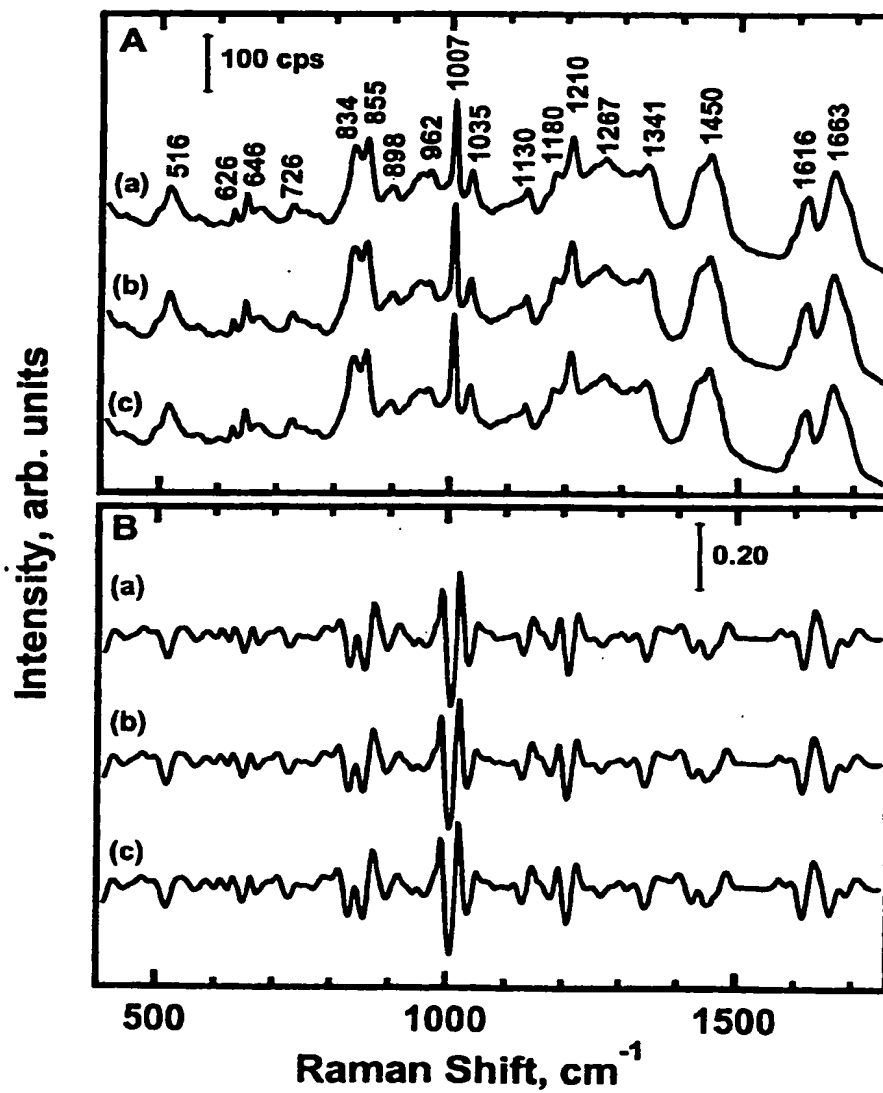


FIG. 19

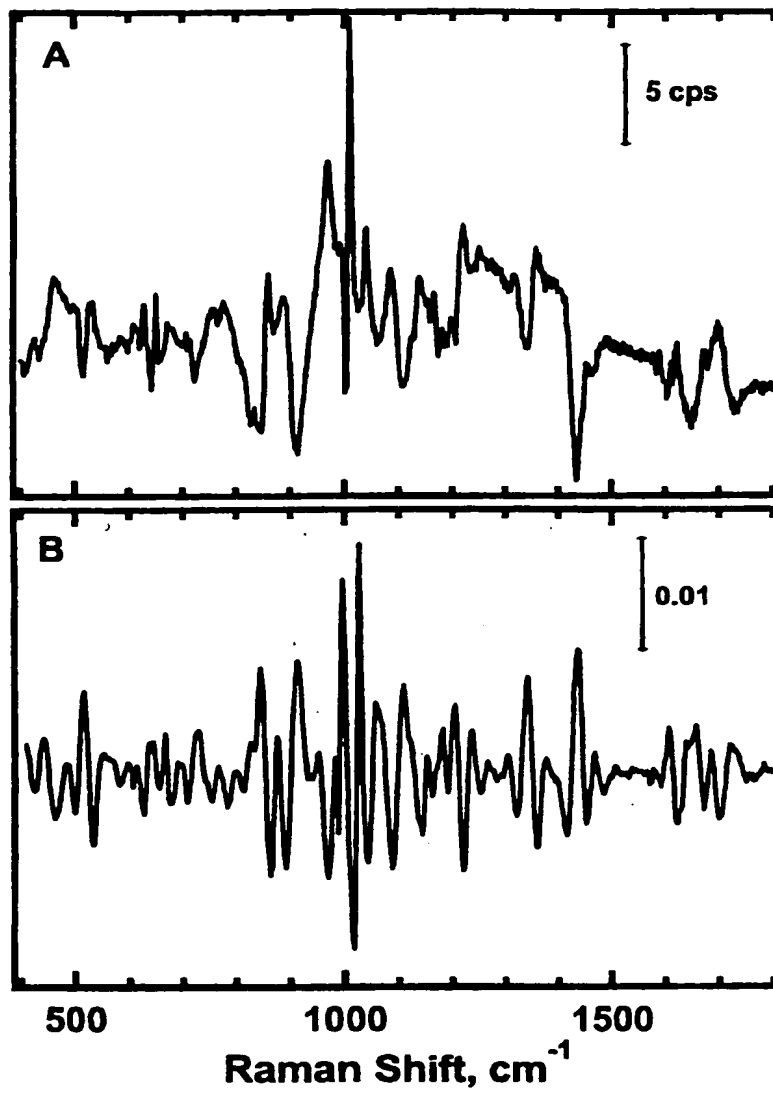


FIG. 20

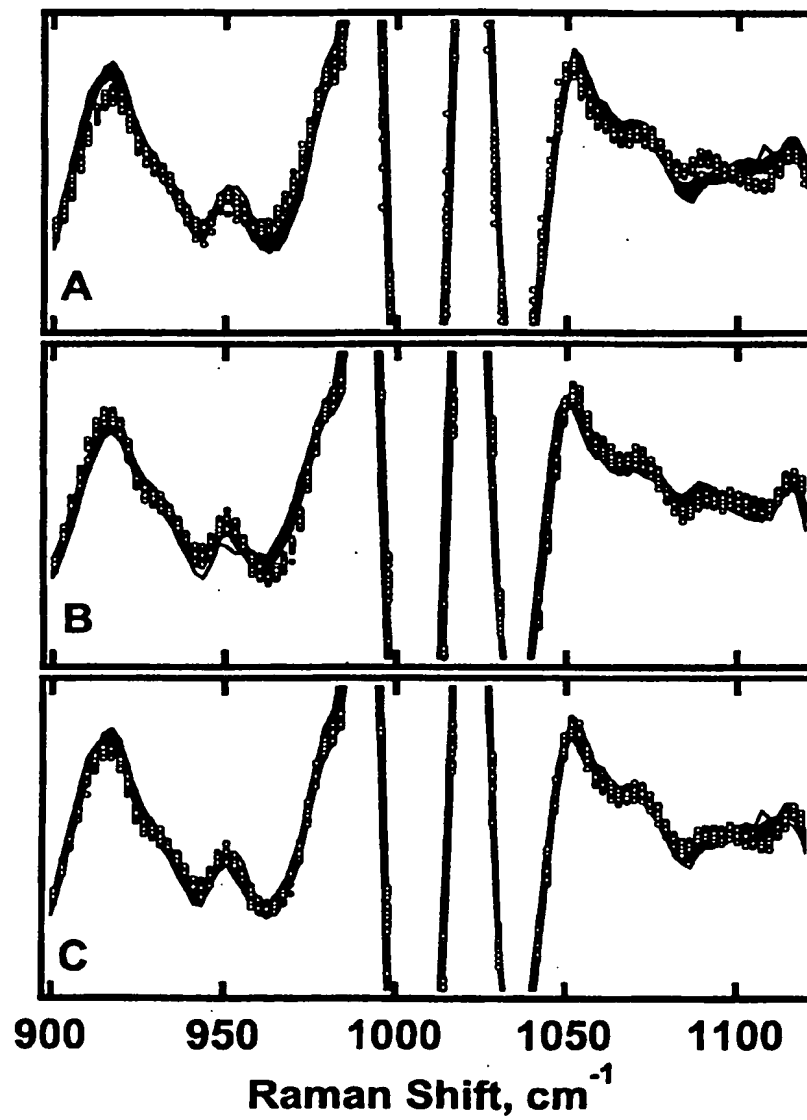
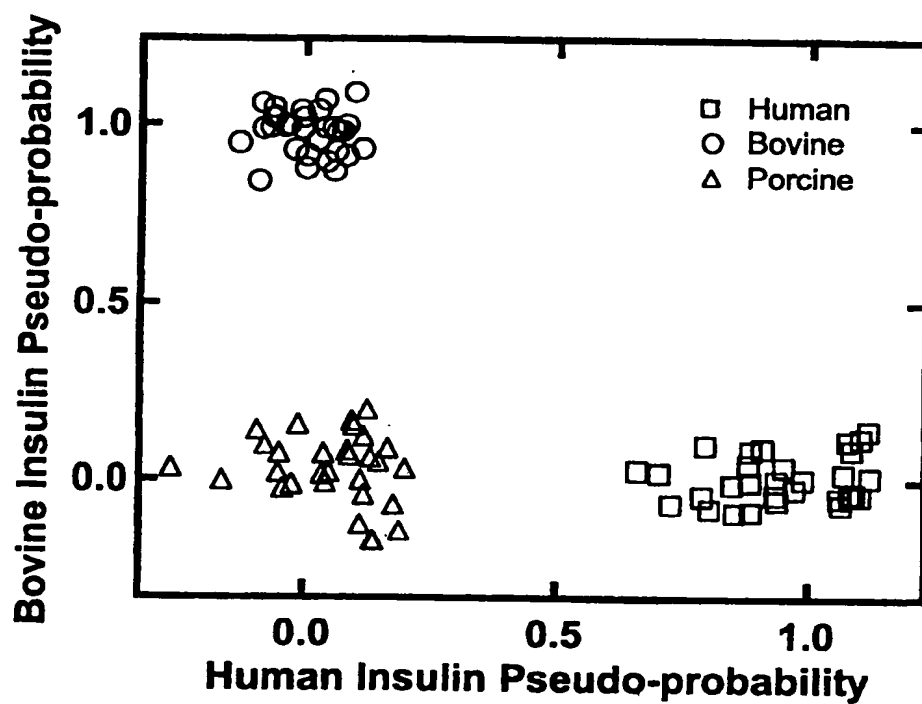


FIG. 21



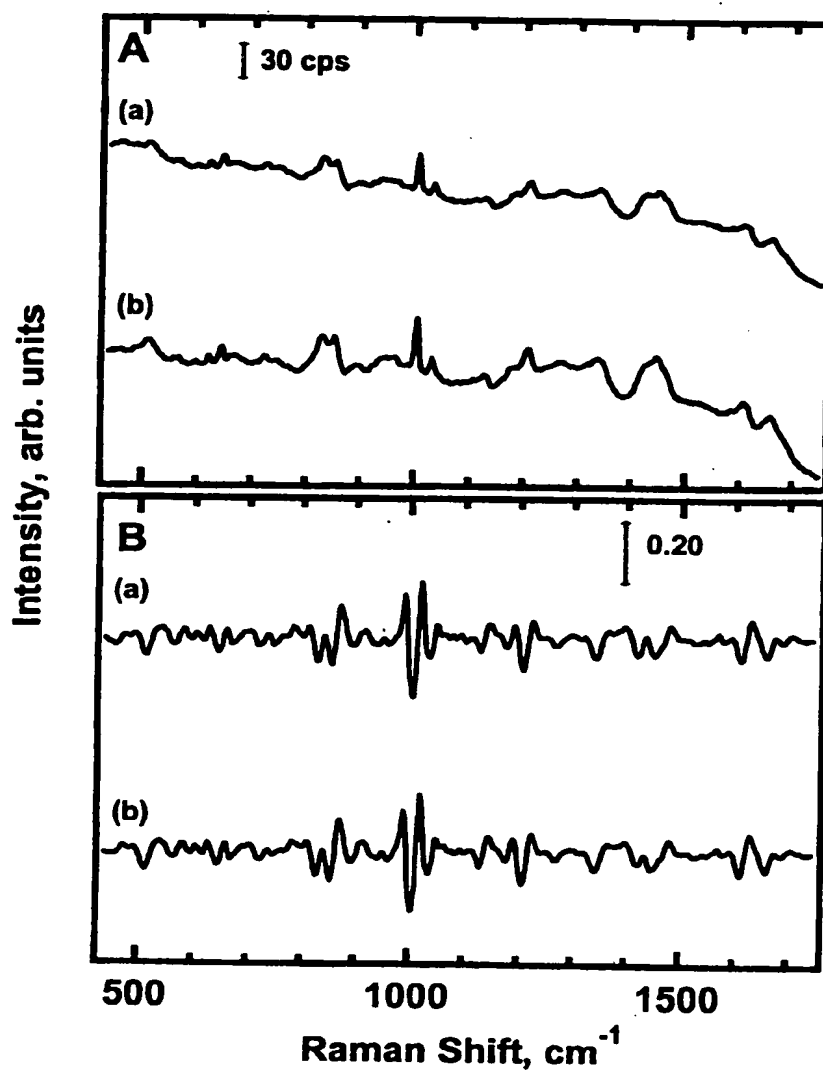


FIG. 23

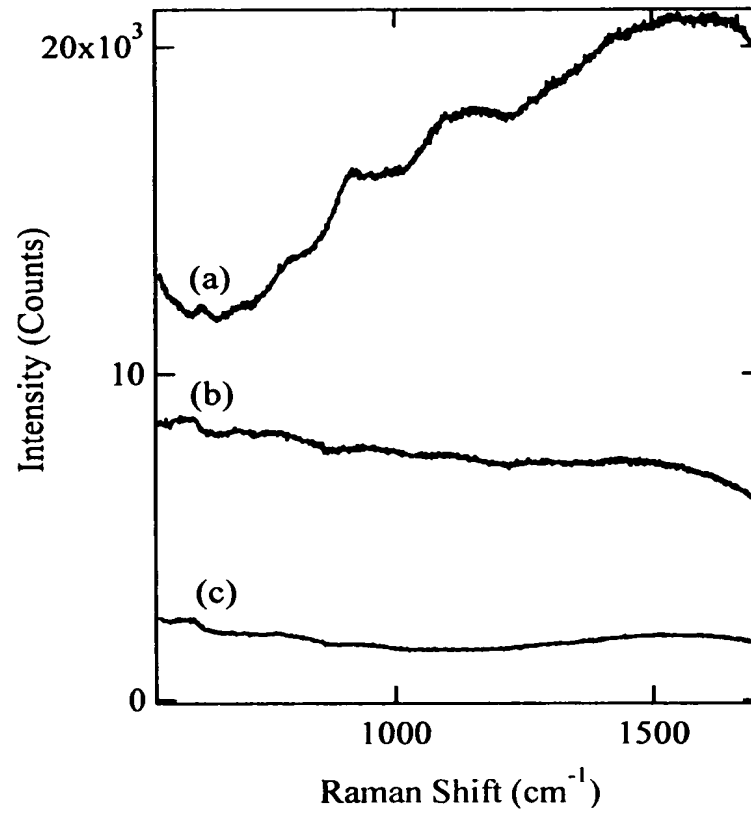


FIG. 24

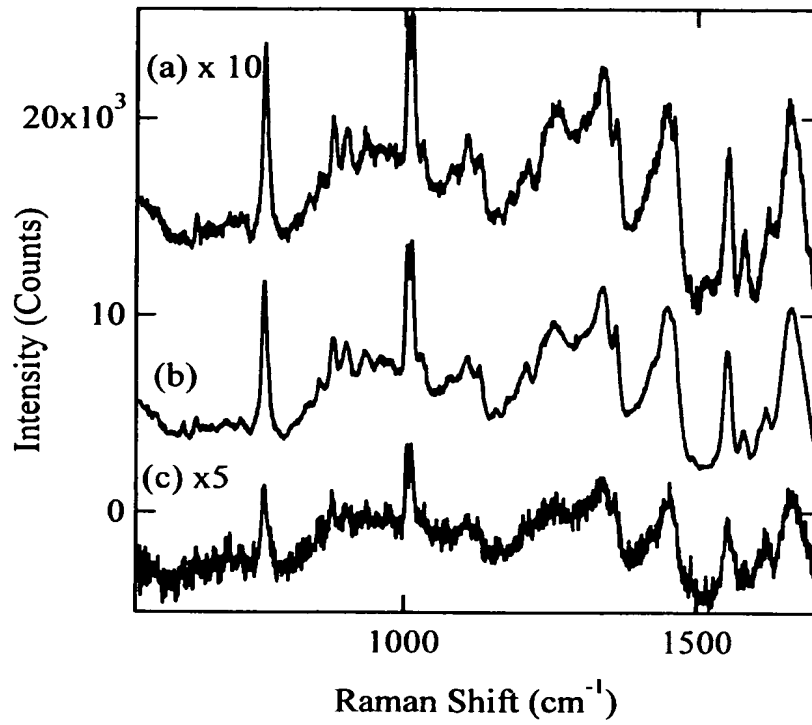
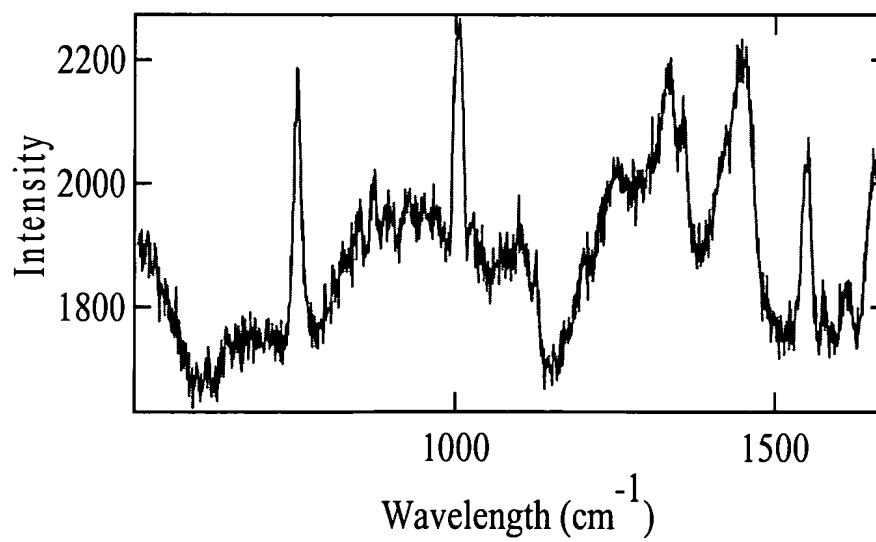
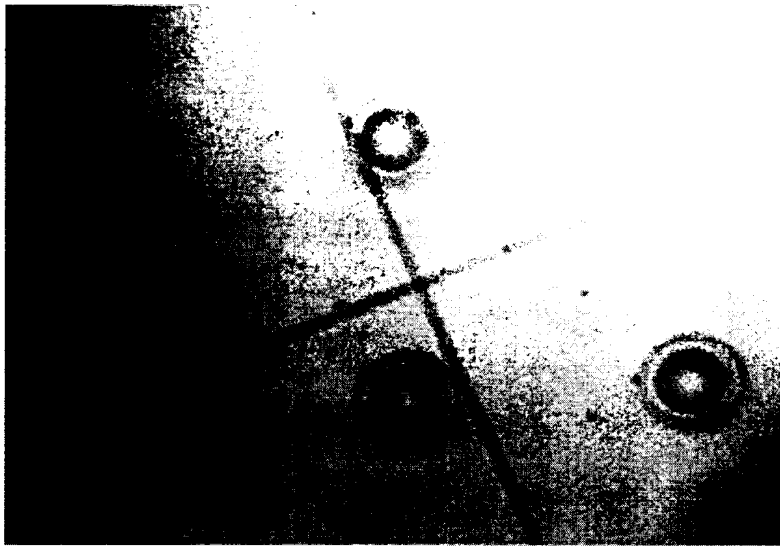


FIG. 25

FIG. 26
A

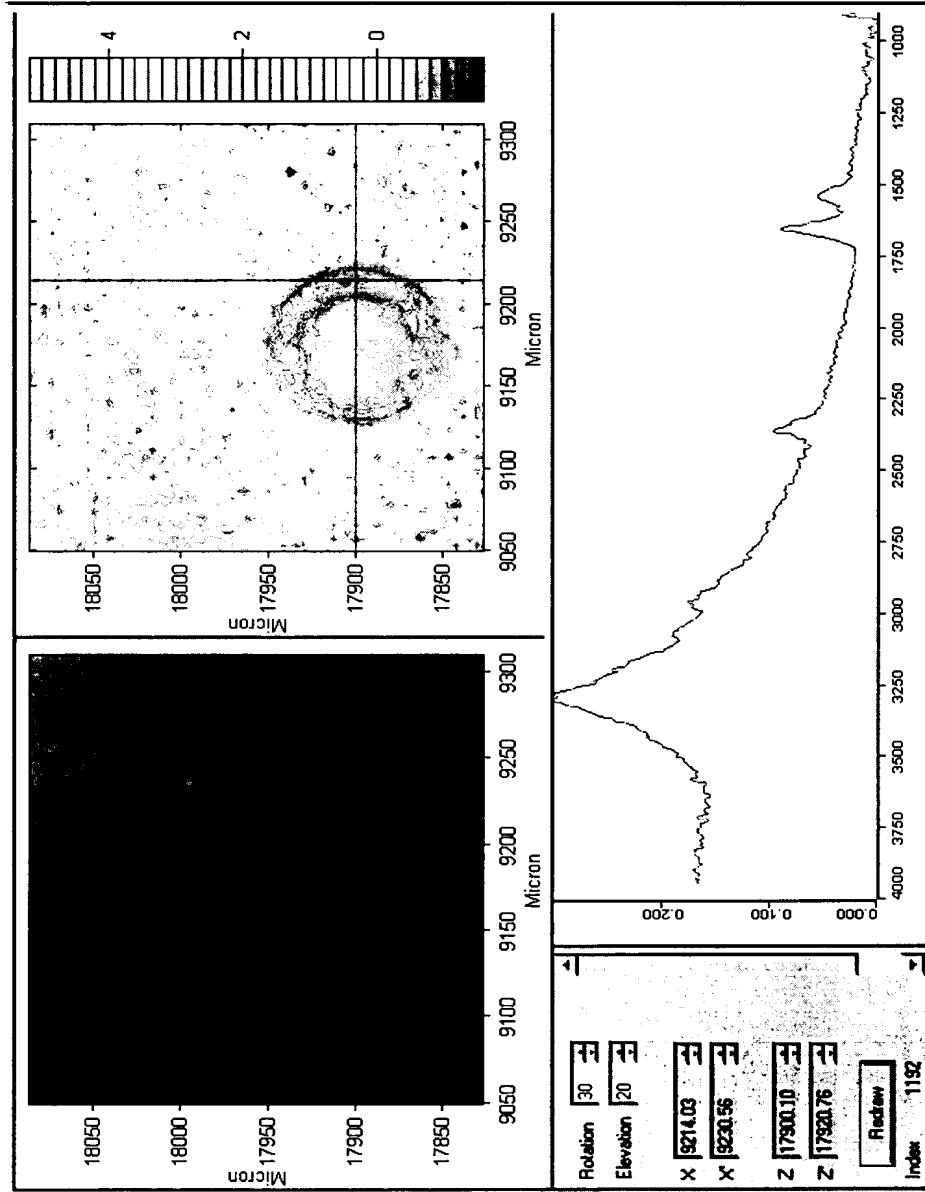


B

FIG. 27

A VISIBLE

B INFRARED



C

Fig. 28A

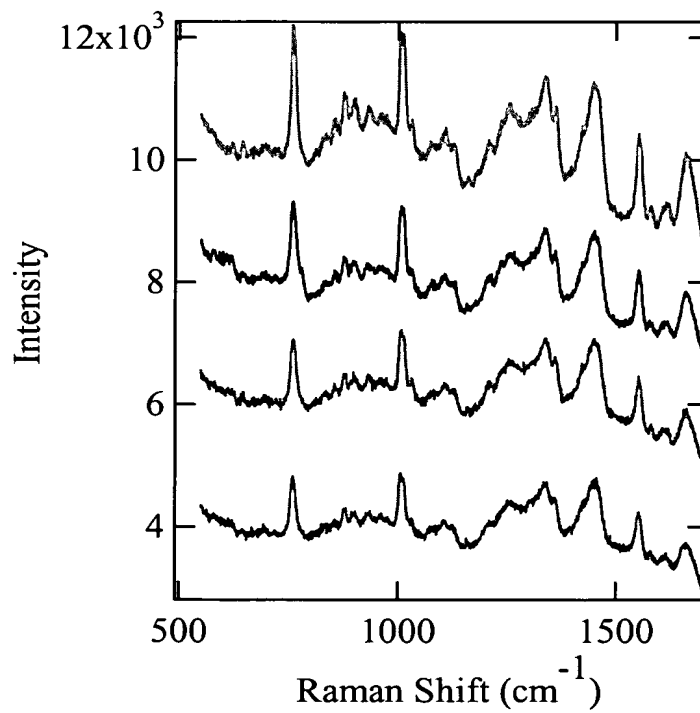
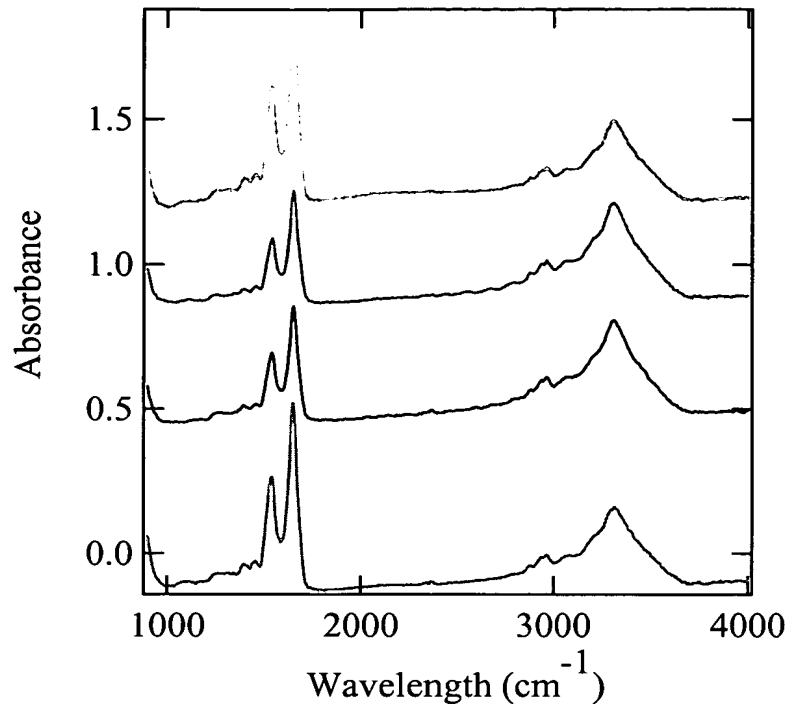


Fig. 28B

Fig. 29A

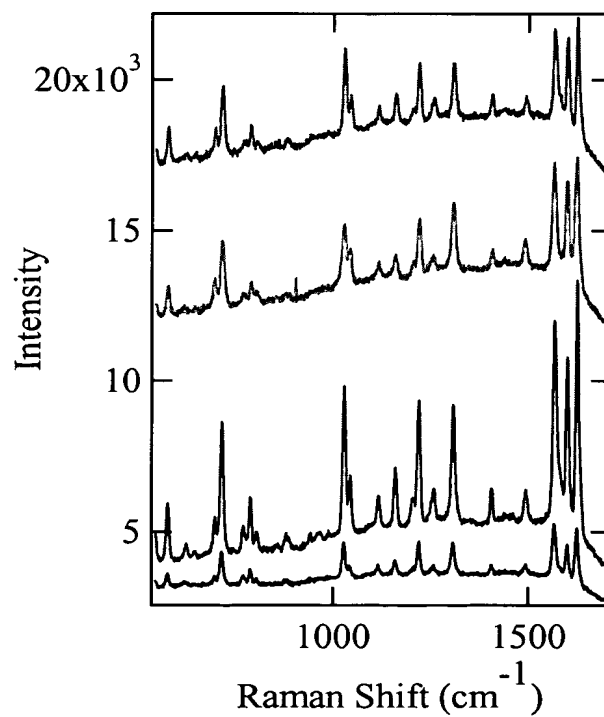
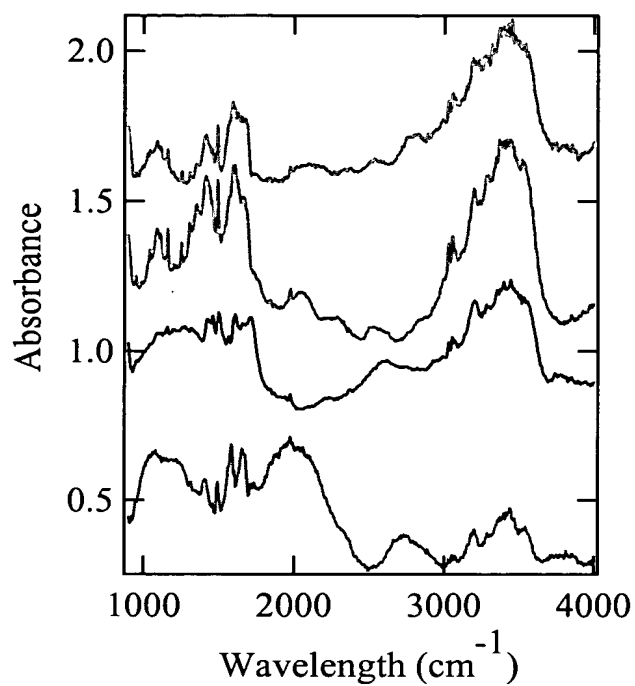


Fig. 29B

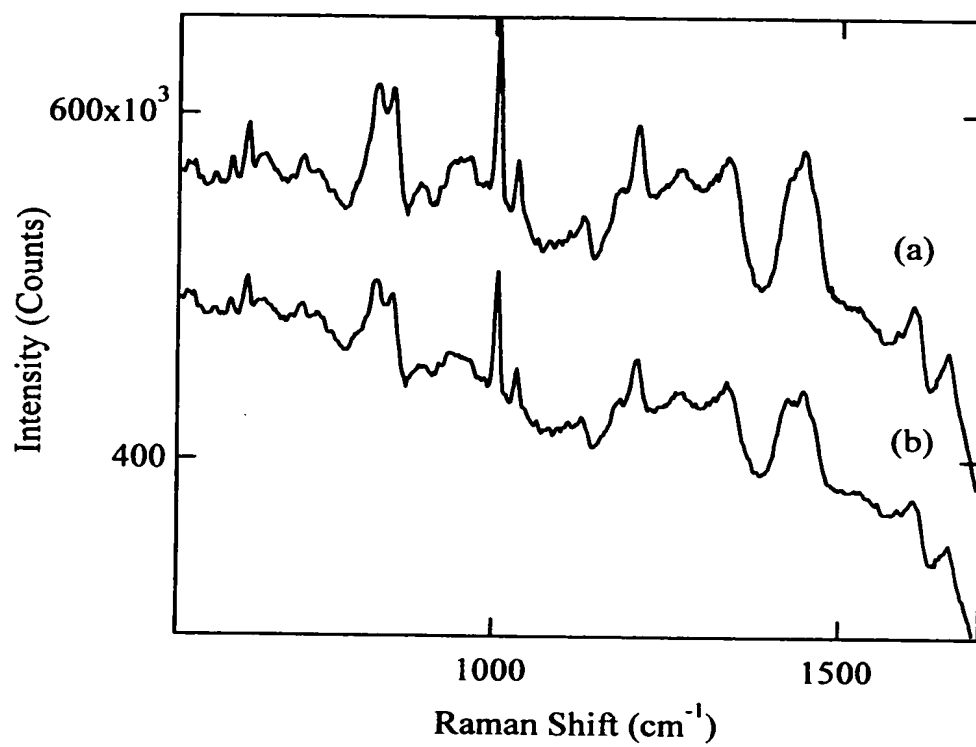


FIG. 30

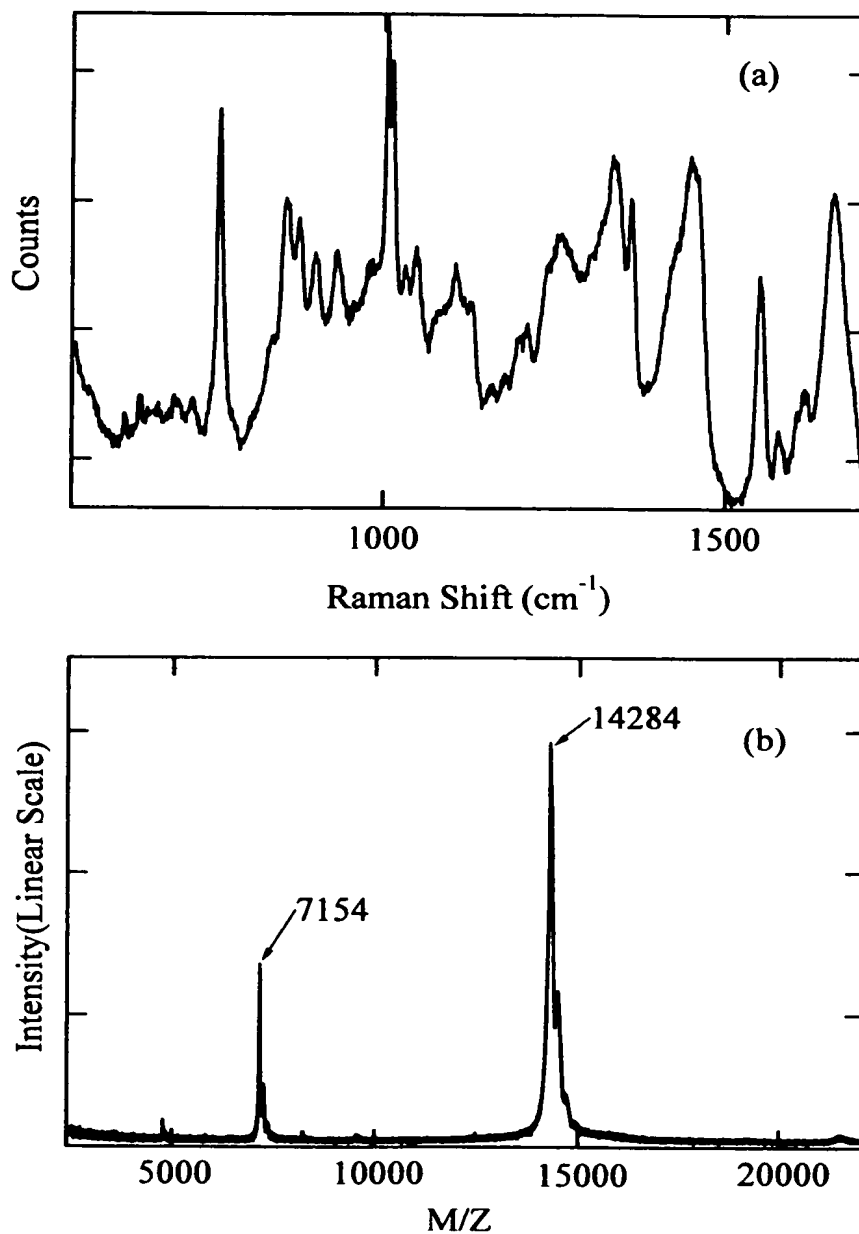


FIG. 31

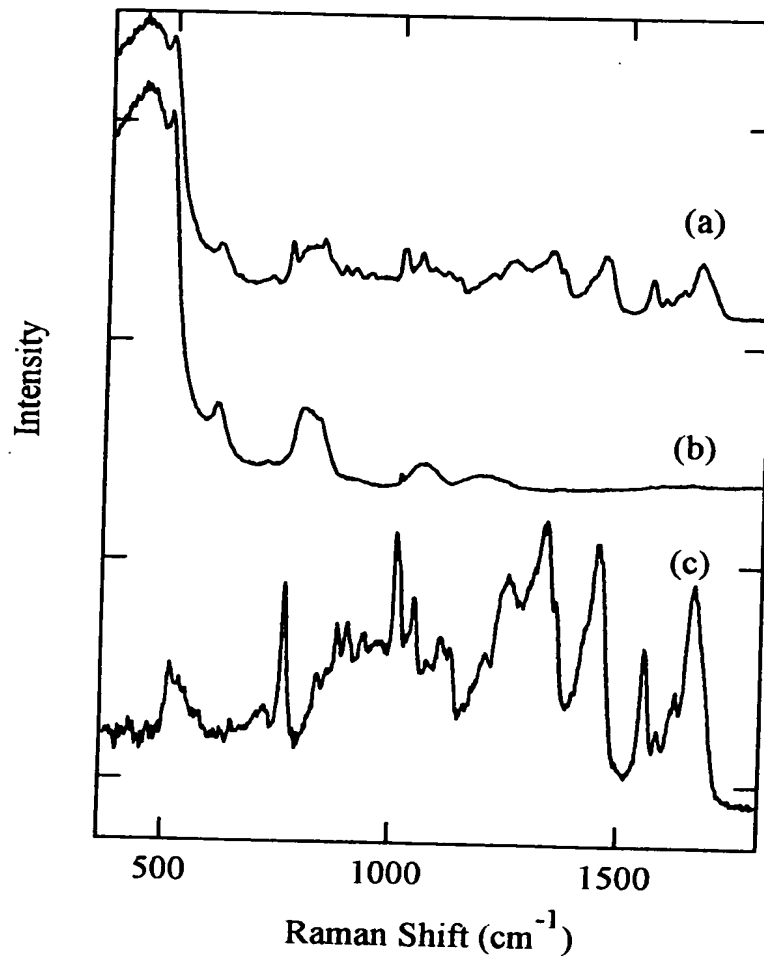


FIG. 32

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